

IN THE SPECIFICATION:

In the paragraph starting on page 5, line 17 and ending on page 6, line 5:

One preferred form of the present invention will now be described with reference to the accompanying drawings in which;

B Figure 1 shows an example of an humidification system, comprised of three parts,

Figure 2 shows a chamber which incorporates a metal element,

Figure 3 shows a chamber using a porous material to provide a heating and humidifying function,

Figure 4 shows a chamber using a semipermeable membrane,

Figure 5 shows a chamber with a variable valve to adjust the ratio of gas which are bypassed,

Figure 6 shows a chamber with an adjustable valve 30 where one part of the gas gets humidified while the other is heated,

Figure 7 shows a chamber where the dry gas entering chamber is pre-heated,

Figure 8 shows a chamber where the dry gas entering chamber is heated after leaving the chamber,

Figure 9 shows a chamber combined with an unheated, well insulated delivery tube,

Figure 10 shows construction of a tube incorporating flexible PTC elements in a parallel wire configuration,

Figure 11 shows a humidifier configuration using the tube in Figure 10,

Figure 12 shows the chamber ~~manifold~~ manifold, and

Figure 13 is a block diagram of the controller functions relating to Figure 1.

In the paragraph on page 6, lines 7-13:

b2 Figure 1 illustrates a typical respiratory humidification system, comprised of three parts:

- 1) a humidification chamber located at a distance from the patient, which heats and substantially saturates gases flowing ~~through it;~~ through it;
- 2) a delivery system consisting of a flexible tube which carries humidified gases from the humidification chamber 1 to the gas ~~outlet 5;~~ outlet 5; and
- 3) a ~~heater-base~~ heater base 3 which heats the humidification chamber 1 and provides measurement and control functions.